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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/589,427	06/07/2000	Yechiam Yemini	18704-009	1117

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Patent Department
1585 Broadway
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EXAMINER

QUINONES, EDEL H

ART UNIT	PAPER NUMBER
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2131

10

DATE MAILED: 01/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/589,427

Applicant(s)

YEMINI ET AL.

Examiner

Edel H Quinones

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 June 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5-8. 6) ☐ Other: _____

III. Detailed Action

1. Claims 1-7 are presented for examination.

Claim Objections

2. Claim 1 is objected to because of the following informalities: the fragment "said particular said electronic security value units" in line 13 should read, "said particular electronic security value units".

3. Claim 3 is objected to because of the following informalities: the fragment "security electronic security value units" in line 19 should read "electronic security value units".

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-3 and 6-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Oliver et al (USPTO Publication Number US 2002/0133412 A1 and Oliver hereinafter).

In regards to claim 1, Oliver teaches a method for identifying a particular component (i.e. client account) of an electronic system (i.e. data network) that accesses a resource of said electronic system (see page 1, paragraph [0017]), using electronic security value units (i.e. currency-denominated values) (see page 12, paragraph [0287]) comprising the steps of:

- a) selectively distributing (i.e. providing) electronic security value units (i.e. a value Credit (x), established by the CSP in a reference currency) (see page 14, paragraphs [0330]) to a plurality of components of said electronic system (i.e. CM users, see page 14, paragraph [0330]), and creating a unique first association with each individual component to which the security electronic security value units are distributed (i.e. user profile data including the Credit (x) value) (see page 14, paragraphs [0331]);
- b) upon a particular access to a resource, creating a unique second association between particular electronic security value units and said particular access to said resource (i.e. returning the (updated) log report) (see page 14, paragraph [0333]);
- c) analyzing said unique second association to determine which particular said security electronic security value units were used to access said resource (i.e. decrementing value (x) by the cost of the first resource) (see page 14, paragraph [0333]) ; and
- d) analyzing said first association of said particular electronic security value units (i.e. performing a lookup in its dynamic session database to find the

profile information) to determine the identity (i.e. userid) of said component (i.e. CM user) which accessed said resource (see page 14, paragraph [0333]).

In regards to claim 2, Oliver teaches wherein said component is a group of one or more components (i.e. client accounts), and wherein said resource is a group of one or more resources (see page 1, paragraph [0017]).

In regards to claim 3, Oliver teaches wherein said electronic security value units are distributed to said component upon the request of said component for access to said resource (i.e. the CM user initiates a session request and (the) user's CSP provide CALS with data for dynamic session database. Included in data is a value, Credit (x), established by the CSP in a reference currency supported by the relevant CALS", see page 14, paragraph [0330]).

In regards to claim 6, Oliver teaches wherein said first part and second associations are protected against unauthorized access, tampering, and duplication (i.e. wire snooping and token theft) (see page 13, paragraphs [307-0310]).

In regards to claim 7, Oliver teaches wherein said first and second associations are protected by encrypting said first and second associations (i.e. making use of private key encryption) (see page 13, paragraph [0312]).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 4 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oliver et al (USPTO Publication Number US 2002/0133412 A1 and Oliver hereinafter) in view of Rosen (U.S. Patent 6,122,625).

The teachings of Oliver have been discussed above.

In regards to claim 4, Oliver teaches wherein said step of selectively distributing further comprises the step of distributing said electronic security value units from a first electronic bank server (i.e. Clickshare Authentication and Logging Servers (CALSa)) associated with said resource to a second electronic bank server (i.e. CALSb) associated with said plurality of components (see Figure 2) (i.e. having a trusted third party involved is a method of "neutral" verification of use) (page 5, paragraph [0111]), (see also i.e. "referring to its dynamic session database, CALSa finds the user CM's user profile, including class-of-service and, depending upon the version of TVS deployed, credit/debit-limit and demographic/personalization data. CALSa employs the established UDP connection with CALSb to return the profile information) (page 15, paragraph [0350]).

Oliver does not teach that wherein said first electronic bank server creates and records a first part of said unique first association, said first part indicating the distribution of said electronic security value units to said second electronic bank server, and wherein said second electronic bank server creates and records a second part of

said unique first association, said second part indicating the distribution of said electronic security value units to said particular component.

Rosen teaches wherein said first electronic bank server (i.e. money module) creates and records a first part of said unique first association (i.e. a transfer record indicating to whom it is transferred), said first part indicating the distribution of said electronic security value units (i.e. note) to said second electronic bank server (i.e. recipient), and wherein said second electronic bank server creates and records a second part of said unique first association, said second part indicating the distribution of said electronic security value units to said particular component (i.e. other money module) (see column 20, lines 23-36).

Therefore it would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to modify the teaching of Oliver with the teachings of Rosen to include wherein said first electronic bank server creates and records a first part of said unique first association, said first part indicating the distribution of said electronic security value units to said second electronic bank server, and wherein said second electronic bank server creates and records a second part of said unique first association, said second part indicating the distribution of said electronic security value units to said particular component with the motivation for maintaining the integrity of the system, and for detecting counterfeiting and tampering within the system (Rosen see column 3, lines 63-65).

In regards to claim 5, Oliver teaches wherein said step of creating a unique second association further comprises subsequently distributing the first associated

security electronic security value units from said second electronic bank server to said plurality of components (i.e. CALSb relays the CMA profile information to CPMb) (page 15, paragraph [0351]).

Oliver does not teach wherein each of said plurality of components creates and records said unique second association.

Rosen teaches wherein each of said plurality of components (i.e. past holder) creates and records said unique second association (i.e. transfer record) (see column 20, lines 26-27).

Therefore it would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to modify the teaching of Oliver with the teachings of Rosen to include wherein each of said plurality of components creates and records said unique second association with the motivation for maintaining the integrity of the system, and for detecting counterfeiting and tampering within the system (see column 3, lines 63-65).

Other Prior Art Made of Record

6. A. Motoyama (US Patent No. 5,913,202) discloses financial information intermediary system;

B. Bisbee et al. (US Patent No. 6237096) discloses a system and method for electronic transmission storage and retrieval of authenticated documents; and

C. Braun et al. (US Patent No. 4321672) discloses a financial data processing system.

Conclusion


7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Points of Contact

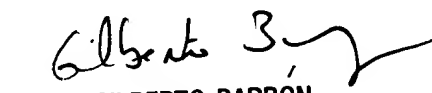
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edel H Quinones whose telephone number is 703-305-8745. The examiner can normally be reached on M-F (8:00AM-5:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheik can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-305-3718.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.



Edel H. Quinones
Patent Examiner
Technology Center 2100



GILBERTO BARRON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

January 6, 2004